

CLAIMS

1. A kind of yarn of animal collagen fiber, comprising 1-100 WT% of dispersing collagen fiber, and 0-99 WT% of textile fiber, said collagen fiber and textile fiber being
5 twisted together.
2. The yarn of claim 1, wherein the collagen fiber is derived from at least one kind of animals including cattle, sheep, horses, dog, pigs, deer, rabbits, crocodiles and snakes.
3. The yarn of animal collagen fiber according to claim 1, wherein the textile fiber is at least one of natural fibers and synthetic fibers including cotton, hemp, wool, silk, terylene, acrylic, nylon, polyamide and viscose staple.
- 15 4. A process for manufacturing the yarn of animal collagen fiber of claim 1, comprising the following steps: choosing tanned leather materials, loosing fibers, assorting, blending, carding, drawing and twisting, wherein an opener is used to loose fibers.
- 20 5. A process for manufacturing the yarn of animal collagen fiber of claim 1, the process comprising the following steps: choosing rawhide materials, liming, washing with water, deliming, tanning and softening, dehydrating, loosing fibers, assorting, blending, carding, drawing, and twisting; wherein acid protease is used for deliming, and the pH value in the solution is controlled between 3 and 6.